

Please type a plus sign (+) inside this box → +

Approved for use through 10/31/2002. OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	RP1-3014-U
First Inventor	LAWLOR, Shawn P. et al
Title	SUPERSONIC GAS COMPRESSOR
Express Mail Label No.	ER510835388US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages **39**] /
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets **7**] /
5. Oath or Declaration [Total Pages] /
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.: /

Group / Art Unit:

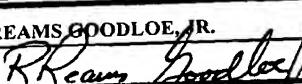
Prior application information: Examiner _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	20793	or <input type="checkbox"/> Correspondence address below <i>(Insert Customer No. or Attach bar code label here.)</i>
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Name			
Address			
City	State	Zip Code	Fax
Country	Telephone		

Name (Print/Type) **R. REAMS GOODLOE, JR.**Registration No. (Attorney/Agent) **32,466**Signature Date **09/25/03**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box 1450, ALEXANDRIA, VA 22313-1450.

Mail Stop

09/25/03

16235 U.S. PTO
10/6/27/19

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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision

TOTAL AMOUNT OF PAYMENT (\$ 1154.00)

Complete if Known

Application Number	Not assigned	Confirmation No.:	N/A
Filing Date	September 25, 2003		
First Named Inventor	LAWLOR, Shawn P. et al.		
Examiner Name	Not assigned		
Group / Art Unit	Not assigned		
Attorney Docket No.	RP1-3014-U		

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account 07-1613
Number
Deposit Account R. Reams Goodloe, P.S.
Name

Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17 Applicant claims small entity status 37 CFR 1.27

2. Payment Enclosed:

Check Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001	750	2001 375 Utility filing fee	375.00
1002	330	2002 165 Design filing fee	
1003	520	2003 260 Plant filing fee	
1004	750	2004 375 Reissue filing fee	
1005	160	2005 80 Provisional filing fee	
SUBTOTAL (1) (\$)			375.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
91	-20** = 71	X 9	= 639
Independent Claims 3	- 3** = 0	X 0	= 0
Multiple Dependent			= 140

** or number previously paid, if greater; For Reissues, see below

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
1202	18	2202 9 Claims in excess of 20
1201	84	2201 42 Independent claims in excess of 3
1203	280	2203 140 Multiple dependent claim, if not paid
1204	84	2204 42 ** Reissue independent claims over original patent
1205	18	2205 9 ** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2) (\$)		

** or number prev. paid, if greater,

779

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051	130	2051 65 Surcharge - late filing fee or oath	
1052	50	2052 25 Surcharge - late provisional filing fee or cover sheet	
1053	130	1053 130 Non-English specification	
1812	2,520	1812 2,520 For filing a request for ex parte reexam.	
1804	920*	1804 920* Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805 1,840 Requesting publication of SIR after Examiner action	
1251	110	2251 55 Extension for reply within first month	
1252	410	2252 205 Extension for reply within second month	
1253	930	2253 465 Extension for reply within third month	
1254	1,450	2254 725 Extension for reply within fourth month	
1255	1,970	2255 985 Extension for reply within fifth month	
1401	320	2401 160 Notice of Appeal	
1402	320	2402 160 Filing a brief in support of an appeal	
1403	280	2403 140 Request for oral hearing	
1451	1,510	1451 1,510 Petition to institute a public use proceeding	
1452	110	2452 55 Petition to revive - unavoidable	
1453	1,300	2453 650 Petition to revive - unintentional	
1501	1,300	2501 650 Utility issue fee (or reissue)	
1502	470	2502 235 Design issue fee	
1503	630	2503 315 Plant issue fee	
1460	130	1460 130 Petitions to the Commissioner	
1807	50	1807 50 Processing fee under 37 CFR 1.17(q)	
1806	180	1806 180 Submission of Information Disclosure Stmt	
8021	40	8021 40 Recording each patent assignment per property (times number of properties)	
1809	750	2809 375 Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810 375 For each additional invention to be examined (37 CFR 1.129(b))	
1801	750	2801 375 Request for Continued Examination (RCE)	

Other fee (specify) _____

Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY

Typed or Printed Name

R. Reams Goodloe, Jr.

Complete if applicable

Reg. Number 32,466

Signature

Date 09/25/03

Deposit Account User ID 4035

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. EXPRESS MAIL LABEL NO.: ER510835388US

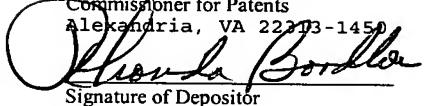
NEW APPLICATION TRANSMITTAL
Attorney Docket No.: RP1-3014-U

CERTIFICATE OF MAILING

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below in an envelope as "Express Mail Post Office to Addressee" mailing Label Number ER510835388US addressed to:

Commissioner for Patents

Alexandria, VA 22313-1450


Signature of Depositor

Rhonda Goodloe

Print Name of Depositor

Date: September 25, 2003

IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE

Attention: Mail Stop New Patent Application
Commissioner for Patents
Alexandria, VA 22313-1450

NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of:

Inventor(s): LAWLOR, Shawn P.; NOVARESI, Mark A. and CORNELIUS, Charles C.

For: (Title): **SUPERSONIC GAS COMPRESSOR**

1. Type of Application

This new application is for a(n)



Original (nonprovisional)



Design



Divisional



Continuation



Continuation-In-Part (CIP)

2. Benefit of Prior U.S. Application(s) (35 U.S.C. §§ 119(e), 120, or 121).



The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

3. Papers Enclosed

- A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application

22 Pages of specification

16 Pages of claims

7 Sheets of drawings (Figs. 1-9)

- The enclosed drawings are photographs(s).
- The enclosed drawings are in color. Three (3) sets of color drawings and a "PETITION TO ACCEPT COLOR DRAWINGS" are attached. 37 C.F.R. § 1.84 (a)(2) AND § 1.84 (b).
- formal
- informal

B. Other Papers Enclosed

- Pages of declaration and power of attorney
- 1 Pages of abstract
- Request for Non-publication of application
- x Other (Return Receipt Postcard)

4. Additional papers enclosed

- Amendment to claims
 - Cancel in this application claims _____ before calculating the filing fee. (At least one original independent claim must be retained for filing purposes).
 - Add the claims shown on the attached amendment (Claims added have been numbered consecutively following the highest numbered original claims).
- Preliminary Amendment
- Information Disclosure Statement (37 C.F.R. § 1.98)
- Form PTO-SB08
- Citations

5. Declaration or Oath (including Power of Attorney)

- Enclosed
 - Executed by the inventors
 - Joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.
 - This is the petition required by 37 CFR §1.47 an the statement required by 37 CFR §1.47 is also attached.
- Not enclosed

6. Inventorship Statement

The inventorship for all the claims in this application are:

- The same
 Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made,
 is submitted.
 will be submitted.

7. Language

- English

8. Assignment

- An assignment of the invention to RAMGEN POWER SYSTEMS, INC.

- is attached.
 A separate COVER SHEET FOR ASSIGNMENT
 (DOCUMENT) ACCOMPANYING NEW PATENT
 APPLICATION or Form PTO 1595 is also attached.
 will follow.
- An assignment of the invention to RAMGEN POWER SYSTEMS, INC. was submitted to the Patent and Trademark Office on MARCH 28, 2003 in the provisional application serial no. 60/414,793 from which this utility application claims priority from), and recorded on March 28, 2003 as Reel/Frame: 013895/0827.
- This is a continuation divisional application and the assignment document for the parent application _____ / _____ was filed _____ as Reel _____, Frame _____.

9. Certified Copy

Certified copy(ies) of application(s):

Country	Appln. No.	Filed
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from which priority is claimed

- is (are) attached will follow.

10. Fee Calculation (37 C.F.R. § 1.16)

A. Regular Application

CLAIMS AS FILED			
Number Filed	Number Extra	Rate	Basic Fee 37 CFR. §1.16(a) \$750.00
Total Claims (37 CFR § 1.16(c)) 91 -20=	71	x \$18.00	\$ 1278.00
Independent Claims (37 CFR § 1.16b)) 3 -3=	0	x \$84.00	\$ 0
Multiple dependent claims (37 CFR § 1.16) (d))		+ \$280.00	\$ 280.00

- Amendment canceling extra claims is enclosed.
 Amendment deleting multiple-dependencies is enclosed.
 Fee for extra claims not being paid at this time.

FILING FEE CALCULATION: \$ 2,308.00

B. Design application

(\$330.00 - 37 C.F.R. § 1.16(f))

FILING FEE CALCULATION: \$ _____

11. Assertion of Small Entity Status

- Applicant hereby asserts status as a small entity under 37 C.F.R. § 1.27.

Filing Fee Calculation (50% of A, B, or C above).

\$ 1,154.00

12. Fee Payment Being Made At This Time

- Not enclosed.
 No filing fee is to be paid at this time.

Enclosed

Filing Fee: \$ \$ 1,154.00
 Recording Assignment
(\$40.00; 37 C.F.R. § 1.21 (h)) \$ _____

TOTAL FEES ENCLOSED: \$ 1,154.00

13. Method of Payment of Fees

- Check in the amount of \$1,154.90
 Authorization is hereby made to charge the amount of
\$ _____ to Deposit Account No. _____.
A duplicate of this transmittal is attached.
 Charge any additional fees required by this paper or
credit any overpayment in the manner authorized above.

14. Authorization to Charge Additional Fees

- The Office is hereby authorized, (in the manner shown
above), to charge the following additional fees by this
paper and during the entire pendency of this application to
Account No.: 07-1613.
- 37 C.F.R. § 1.16(a), (f) or (g) (filing fees)
 37 C.F.R. § 1.16(b), (c) and (d) (presentation of
extra claims)
 37 C.F.R. § 1.16(e) (surcharge for filing the basic
filing fee and/or declaration on a date later than the
filing date of the application)
 37 C.F.R. § 1.17(a)(1)-(5) (extension fees
pursuant to § 1.136(a)).
 37 C.F.R. § 1.17 (application processing fees)
 37 C.F.R. § 1.18 (issue fee at or before mailing
of Notice of Allowance, pursuant to 37 C.F.R. §
1.311(b)).

15. Instructions as to Overpayment

- Credit Account No.: 07-1613.

Date: September 25, 2003

Phone: 253-859-9128

Fax: 253-859-8915

Customer
No.: 20793



SIGNATURE OF ATTORNEY

R. Reams Goodloe, Jr.
Reg. No. 32,466

Suite 3
10725 - S.E. 256th Street
Kent, Washington
98030-8285

NEW APPLICATION TRANSMITTAL
Attorney Docket No.: RP1-3014-U

Incorporation by reference of added pages

- Plus Added Pages for New Application Transmittal Where Benefit of Prior U.S. Application(s) Claimed

Number of pages added: 3

- Plus Added Pages for Papers Referred to in Item 4 above.

Number of pages added: _____

- Plus added pages deleting names of inventor(s) named in prior application(s) who is/are no longer inventor(s) of the subject matter claimed in this application.

Number of pages added: _____

- Plus "Assignment Cover Letter Accompanying New Application"

Number of pages added: _____

Statement Where No Further Pages Added

- This transmittal ends with this page.

**ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF
PRIOR U.S. APPLICATION CLAIMED**

16. Relate Back

**Amend the specification by inserting,
before the first line, the following sentence:**

A. 35 USC § 119(e)

"This application claims the benefit of U.S.
Provisional Application(s) No(s)..:

Application No.: 60/414,793 Filed: September 26, 2002

B. 35 USC §§ 120, 121 and 365(c)

- "This application is a
 continuation
 continuation-in-part
 divisional

of copending application(s)

- application number ____/____ filed
on _____.
 International Application _____
filed on _____ and which
designated the U.S."
 "The nonprovisional application designated above,
namely application ____/_____, filed
_____ claims the benefit of U.S. Provisional
Application(s) No.(s)..:

Application No.: _____/_____ Filed: _____

**C. Publication of International Application -
Provisional Application**

The international application corresponding to the instant
application

was was not
published under PCT Article 21(2) in the English Language.

17. Relate Back - 356 USC § 119 Priority Claim for Prior Application

The prior U.S. application(s), including any prior International Application designating the U.S., identified above in item 16B, in turn itself claim(s) foreign priority(ies) as follows:

Country	Application No.	Filed on
---------	-----------------	----------

The certified copy(ies) has (have)

- been filed on _____, in prior application
 _____/_____, which was filed on _____.
- is (are) attached.

18. Maintenance of Copendency of Prior Application

- A. Extension of time in prior application
 A petition, fee and response extends the term in the pending prior application until _____.
 A copy of the petition filed in prior application is attached.
- B. Conditional Petition for Extension of Time in Prior Application
 A conditional petition for extension of time is being filed in the pending prior application.
 A copy of the conditional petition filed in the prior application is attached.

19. Further Inventorship Statement Where Benefit of Prior Application(s) Claimed

- (a) This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above and the inventor(s) in this application are:
 the same.
 less than those named in the prior application. It is requested that the following inventor(s) identified for the prior application be deleted:
-

- (b) This application discloses and claims additional disclosure by amendment and a new declaration or oath will be is being filed. With respect to the prior application, the inventor(s) in this application are:
 the same.
 the following additional inventor(s) have been added:
-

- (c) The inventorship for all the claims in this application are:
 the same.
 not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made
 is submitted
 will be submitted.

20. Abandonment of Prior Application

- Please abandon the prior application at a time while the prior application is pending, or when the petition for extension of time or to revive in that application is granted, and when this application is granted a filing date, so as to make this application copending with said prior application.

21. Small Entity (37 CFR § 1.28(a))

- Applicant hereby asserts status as a small entity under 37 C.F.R. § 1.27.

22. NOTIFICATION IN PARENT APPLICATION OF THIS FILING

- A notification of the filing of this
- continuation
 continuation-in-part
 divisional

is being filed in the parent application, from which this application claims priority under 35 USC § 120.